OMB No. 2010-0032
Expiration Date: 06/30/03

National Environmental Performance Track
U.S. Environmental Protection Agency

A03-0049 01-19-04

Application Form

Stine-Haskell Research Center
Name of facility*

E. I. Dupont de Nemours & Co.
Name of parent company (if any)

1090 Elkton Road
Street address

Street address (continued)

Newark, DE 19714-0030
City/State/Zip code

Give us information about your contact person for the National Environmental Performance Track Program.

Name Mr. Richard Drazich

Title Environmental Engineer

Phone (302) 695-9303

Fax (302) 695-4032

E-mail Rick.B.Drazich@usa.dupont.com

Facility/Company Website

* If you are applying for multiple facilities, you must call 1-888-339-PTRK (7875)

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Section A

Tell us about your facility.

Why do we need this information?

EPA needs background information on your facility to evaluate your application.

What do you need to do?

- Provide background information on your facility.
- Identify your environmental requirements.

1 What do you do or make at your facility?

Dupont Stine-Haskell Research Center is a world-class Research and Development facility with emphasis on agricultural products (pesticides, fungicides, etc.) There is also a toxicology lab at this facility.See attachment 3, which shows a photograph of the facility.

2 List the North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

NAICS
54171 _____

3 Does your company meet the Small Business Administration definition of a small business for your sector?

☐ Yes ☒ No

4 How many employees (full-time equivalents) currently work at your facility? If you checked "Yes" in question 3 and have fewer than 50 employees at your facility, then you are considered a "small facility" by the Performance Track Program.

☐ Fewer than 50
☐ 50-99
☐ 100-499
☒ 500-1,000
☐ More than 1,000

5 Complete the Environmental Requirements Checklist on pages 32-38 of the instructions and enclose it with your application.

See Attachment 1

Section A, continued

6 Optional: Is there anything else you would like to tell us about your facility? Do you participate in other voluntary programs at the local, tribal, State, or Federal level?

The DuPont Company's Stine-Haskell Research Center, located in Newark, Delaware and founded in 1945, is comprised of two DuPont business units whose primary focus is to develop new agricultural products, to evaluate agricultural exposure limits to chemicals and to operate safely while working to preserve the environment.

The Wildlife Improvement at Stine-Haskell (WISH) Team participates in the "Adopt-a-Wetland" program sponsored by the State Of Delaware's Department of Natural Resources and Environmental Control (DNREC) to preserve valuable natural occurring wetland.

DuPont is a science company. Founded in 1802, DuPont puts science to work by solving problems and creating solutions that make people's lives better, safer and easier. Operating in more than 70 countries, the company offers a wide range of products and services to markets including agriculture, nutrition, electronics, communications, safety and protection, home and construction, transportation and apparel.

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Section B

Tell us about your EMS.

Why do we need this information?

Facilities need to have an operating Environmental Management System (EMS) that meets certain requirements.

What do you need to do?

- Confirm that your EMS meets the Performance Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

Read the EMS requirements on page 9-12 of instructions.
Tell us if your EMS meets these requirements for:

1	Environmental policy	☒ Yes ☐ No
2	Planning	☒ Yes ☐ No
3	Implementing and operation	☒ Yes ☐ No
4	Checking and corrective action	☒ Yes ☐ No
5	Management review	☒ Yes ☐ No
6	Have you done a comprehensive review of all activities conducted at your facility that could impact the environment? (i.e., have you done an aspect analysis?)	☒ Yes ☐ No
7	Have you classified your aspects based on their potential harm to the environment, on community concerns, and/or on other objective factors? (i.e., have you determined your significant aspects?)	☒ Yes ☐ No
8	When did you last update your aspect analysis? (mo/yr)	06/2003
9	Have you completed at least one EMS cycle (plan-do-check-act)?	☒ Yes ☐ No
10	Did this cycle include both an EMS and a compliance audit?	☒ Yes ☐ No
11	Have you completed an objective self-assessment or third-party assessment of your EMS?	☒ Yes ☐ No

If yes, what method of EMS assessment did you use?

Self-assessment	Third-party assessment
☐ GEMI	☐ ISO 14001 Certification
☐ CEMP	☐ Other
☒ Other Corporate 2nd Party Environmental Audit	

Why do we need this information?

Facilities need to show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

Section C

Tell us about your past achievements and future commitments.

Part 1 **You must report past achievements for at least two environmental aspects, and you must choose these aspects from the Environmental Performance Table on pages 29-31 of the instructions.** Please quantify each of your aspects using the units listed for that aspect in the Environmental PTrack Information Hotline at 1-888-339-PTRK.

Note to small facilities: If you are a small facility, you must report past achievements for only one environmental aspect.

First achievement

1 What aspect have you selected from the Table on page 29-31?	Habitat Impact	
2 What units are you using to quantify this aspect? (See Table, page 29-31.)	sq ft	
	PAST	CURRENT
3 List the past annual quantity of the aspect (from two years ago) and the current annual quantity of the aspect (from the most recent year for which you have data).	0 (not tracked as sq ft) see Attachment 2	4,540 sq ft
4 What are the years for which you are reporting these quantities?	2001	2003
5 Estimate your past normalizing factor (Page 18 of the Instructions will help you calculate this.)		
6 What is your normalizing factor based on (e.g., production, employment)?	N/A	
7 You reported an improvement in the quantity of the aspect in Question 3. How did you achieve this improvement?	Increased management support and greater awareness on site by adding new members, intranet website, and regular WISH team communications to team members. A description of the Wildlife Improvement at Stine-Haskell (WISH) team's programs and projects for 2001, 2002, and 2003 is attached. (see Attachment 2) Increasing shelter and food opportunities for wildlife.	

Section C, continued

Second achievement

1 What aspect have you selected from the Table on page 29-31?	Emission of NOx	
2 What units are you using to quantify this aspect? (See Table, page 29-31.)	tons/yr	
	PAST	CURRENT
3 List the past annual quantity of the aspect (from two years ago) and the current annual quantity of the aspect (from the most recent year for which you have data).	NOx 60.9 tons/yr SO2 130.3 tons/yr (2000 Air Emission Inventory Report)	NOx 45.8 tons/yr SO2 120.9 tons/yr (After Boiler No. 7 installation; 2002 Air Emission Inventory Report)
4 What are the years for which you are reporting these quantities?	2000 (base year)	2002
5 Estimate your past normalizing factor (Page 18 of the Instructions will help you calculate this.)		
6 What is your normalizing factor based on (e.g., production, employment)?	N/A	
7 You reported an improvement in the quantity of the aspect in Question 3. How did you achieve this improvement?	Facility invested in capital improvements for installation of new boiler with low NOx technology and utilizing natural gas as fuel instead of # 6 fuel oil	

Part 2 **You must make future commitments for at least four environmental aspects, and you must choose these aspects from the Environmental Performance Table on pages 29-31 of the Instructions.** The aspects you select for your future commitments should be related to the objectives and targets in your EMS. Where possible, they also should be identified as having a significant environmental impact in your EMS. No more than two of your aspects can be from the same environmental category. If you're not sure how your objectives and targets fit into our aspects or whether your aspects are significant, call the PTrack Information Hotline at 1-888-339-PTRK.

Once you have chosen your four environmental aspects, then fill in all the necessary information for these aspects in the tables on pages 7-10 of this form. Please quantify each of your aspects using the units listed for that aspect in the Environmental Performance Table. Each table that you must fill in corresponds to one of the environmental aspects you have chosen.

We will assume that your performance commitments are based on a constant production or employment level. If you would like to base your commitment on changing production or employment, please fill out optional questions 6a and 6b.

Note to small facilities: If you are a small facility, you must report future commitments for only two environmental aspects.

Section C, continued

First commitment

1	What aspect have you selected from the Table on pages 29-31?	Hazardous Material Use (Mercury containing lamp bulbs)	
2	What units are you using to quantify this aspect?	lbs	
3a	Is this aspect considered significant in your EMS?	☒ Yes ☐ No	
3b	If no, please explain why you believe this aspect should be included as a performance commitment.		
		CURRENT	FUTURE
4	List the current annual quantity of the aspect and the annual quantity you are committing to achieve by the end of the third year of your participation in Performance Track.	5,000 lbs	0 lbs
5	What are the years for which you are reporting these quantities?	2002 (base year)	2006
6a	(Optional) What is your future normalizing factor. (Page 21 of the Instructions will help you calculate this.)	1.0	$\frac{\text{future number of employees}}{\text{base number of employees (750)}}$
6b	(Optional) What is your normalizing factor based on (e.g., production, employment)?	Number of Employees	
7	You committed to an improvement in the quantity of this aspect in Question 4. How do you plan to achieve this improvement?	Mercury containing lamp bulbs are being managed as "Universal Waste" and are being sent for recycle for mercury recovery. Previously, mercury containing lamp bulbs were managed as hazardous waste and sent for disposal.	
8a	Are you subject to Federal, State, tribal, or local regulatory requirements for this aspect?	☒ Yes ☐ No	
8b	If yes, please list those requirements, including the quantitative limits and compliance deadlines that apply to you. Explain how your commitment exceeds requirements.	Carries waste number D009. Lamp bulbs were crushed, stabilized and deposited in a secure landfill.	

Section C, continued

Second commitment

1	What aspect have you selected from the Table on pages 29-31?	Recycled/Reused Materials Use (Exchange of chemicals)	
2	What units are you using to quantify this aspect?	Number of customers that utilize the Virtual Reagent Tracking System (RTS) and number of bottle transfers. (see Attachment 4, a description of the Virtual Reagent Tracking System (RTS)).	
3a	Is this aspect considered significant in your EMS?	☒ Yes ☐ No	
3b	If no, please explain why you believe this aspect should be included as a performance commitment.		
		CURRENT	FUTURE
4	List the current annual quantity of the aspect and the annual quantity you are committing to achieve by the end of the third year of your participation in Performance Track.	0 Bottles Exchanged 0 Customers 0 lbs	100 bottles Exchanged 80 Customers 225 lbs
5	What are the years for which you are reporting these quantities?	2002 (base year)	2006
6a	(Optional) What is your future normalizing factor. (Page 21 of the Instructions will help you calculate this.)		
6b	(Optional) What is your normalizing factor based on (e.g., production, employment)?		
7	You committed to an improvement in the quantity of this aspect in Question 4. How do you plan to achieve this improvement?	Site will establish and ultilize Virtual RTS as part of their Pollution, Prevention Plan. Chemicals listed on the virtual reagent tracking system will enable exchanges of chemicals to reduce new chemical ordering.	
8a	Are you subject to Federal, State, tribal, or local regulatory requirements for this aspect?	☐ Yes ☒ No	
8b	If yes, please list those requirements, including the quantitative limits and compliance deadlines that apply to you. Explain how your commitment exceeds requirements.		

Section C, continued

Third commitment

1 What aspect have you selected from the Table on pages 29-31?	Total Energy Use (Electrical)	
2 What units are you using to quantify this aspect?	KwH	
3a Is this aspect considered significant in your EMS?	☒ Yes ☐ No	
3b If no, please explain why you believe this aspect should be included as a performance commitment.		
	CURRENT	FUTURE
4 List the current annual quantity of the aspect and the annual quantity you are committing to achieve by the end of the third year of your participation in Performance Track.	60,361,000 KwH	59,757,000 KwH
5 What are the years for which you are reporting these quantities?	2002	2006
6a (Optional) What is your future normalizing factor. (Page 21 of the Instructions will help you calculate this.)	1.0	$\frac{\text{future number of employees}}{\text{base number of employees (750)}}$
6b (Optional) What is your normalizing factor based on (e.g., production, employment)?	Number of Employees	
7 You committed to an improvement in the quantity of this aspect in Question 4. How do you plan to achieve this improvement?	Tracking by use of metrics to inform building occupants on conservation of energy. Building already instituted programmable thermostats to set air conditioner, heat; changed light bulbs for more efficency, low energy useage (34 watts); re-calibrated fume hood face velocity setting; and instituted building shut down mode for unoccupied building.	
8a Are you subject to Federal, State, tribal, or local regulatory requirements for this aspect?	☐ Yes ☒ No	
8b If yes, please list those requirements, including the quantitative limits and compliance deadlines that apply to you. Explain how your commitment exceeds requirements.		

Section C, continued

Fourth commitment

1 What aspect have you selected from the Table on pages 29-31?	Total Material Use (VOC's)	
2 What units are you using to quantify this aspect?	lbs	
3a Is this aspect considered significant in your EMS?	☒ Yes ☐ No	
3b If no, please explain why you believe this aspect should be included as a performance commitment.		
	CURRENT	FUTURE
4 List the current annual quantity of the aspect and the annual quantity you are committing to achieve by the end of the third year of your participation in Performance Track.	40.0 lbs/yr	9.0 lbs/yr
5 What are the years for which you are reporting these quantities?	2002	2006
6a (Optional) What is your future normalizing factor. (Page 21 of the Instructions will help you calculate this.)		4.0 Number of runs in 2006 / Number of runs in 2002
6b (Optional) What is your normalizing factor based on (e.g., production, employment)?	Production	
7 You committed to an improvement in the quantity of this aspect in Question 4. How do you plan to achieve this improvement?	Presently there is 1 spray machine with the new technology in use. With the new technology the spray machines will use less acetone, thereby reducing the generation of hazardous waste. The runs are 4 times per week for 48 weeks. Future goal is to have 4 spray machines using the new technology.	
8a Are you subject to Federal, State, tribal, or local regulatory requirements for this aspect?	☒ Yes ☐ No	
8b If yes, please list those requirements, including the quantitative limits and compliance deadlines that apply to you. Explain how your commitment exceeds requirements.	VOC emissions cap is in air permit.	

Section D

Tell us about your public outreach and reporting.

Why do we need this information?

Facilities need to demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

1 How do you identify and respond to community concerns?

Dupont Stine-Haskell Research Center is a member of the Newark Community Advisory Panel. This organization consists of local businesses, local governmental agencies, and environmental advisors. Representatives of the community may contact Steve Nash, DuPont Facility Supervisor, for any community concerns associated with the facility. The Site's 24 hours security staff is available to respond to site/community concerns

2 How do you inform community members of important matters that affect them?

Site management participates in the Newark Community Advisory Panel (NCAP) quarterly meetings. Permit notifications are placed in the newpaper. Additionally, the site has a "Site Emergency Plan", which has community notification mechanisms

3 How will you make the Performance Track Annual Performance Report available to the public?

☒ Website (future option)

☐ Newspaper

☐ Open Houses

☒ Other

At the Newark Community Advisory Panel meetings

Section D, continued

4 Are there any ongoing citizen suits against your facility? ☐ Yes ☒ No

If yes, describe briefly in the right-hand column.

5 List references below

	Organization	*Name*	*Phone number*
Representative of a Community/ Citizen Group	Newark Community Advisory Panel	Contact Steve Nash, Dupont Facility Supervisor, for Newark Community Advisory Panel contacts.	(302) 366-5203
State/tribal/local regulator	State of Delaware Dept. of Natural Resources andEnvironmental Control Div. of Air & Waste Mgt.	Chandu M. Dalsania Environmental Engineer	(302) 323-4542
Other community/local reference (e.g., emergency management official or business associate)	Aetna Hook, Hose and Ladder Co.	Steve Kavanaugh Fire Chief	(302) 454-3300

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Section E

Application and Participation Statement.

On behalf of Stine-Haskell Research Center
[my facility],

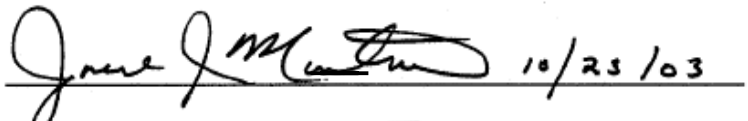
I certify that

I have read and agree to the terms and conditions for Application and Participation in the National Environmental Performance Track, as specified in the *National Environmental Performance Track Program Guide* and in the *Application Instructions*;

- I have personally examined and am familiar with the information contained in this Application, including the Environmental Requirements Checklist. The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Performance Track EMS requirements, including systems to maintain compliance with all applicable Federal, State, tribal, and local environmental requirements in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all Federal, State, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable Federal, State, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Performance Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date  10/23/03

Printed Name/Title Mr./Mrs./Ms./Dr. JOSEPH J. MONTOVINO
Manager – Facilities and Operations DuPont Crop Protection

Phone Number/E-mail (302) 366-5340

Facility Name Dupont Stine-Haskell Research Center

Facility Street Address 1090 Elkton Road

City/State/Zip Code Newark, DE 19714-0030

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK (7875) or e-mail ptrack@indecon.com.

To submit your application:

1) E-mail the completed application to ptrack@indecon.com,

   and

2) Fax the completed an signed Section E (**not** the entire application) to (617) 354-0463.

If you cannot e-mail the application, mail a hard copy of the entire completed application to:

The Performance Track Information Center
c/o Industrial Economics Incorporated
2067 Massachusetts Avenue
Cambridge, MA 02140

Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection of information is estimated to average 40 hours per response. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Environmental Requirements Checklist

Attachment 1

Use the Environmental Requirements Checklist to answer Question 5 in *Section A, Tell us about your facility*. This Checklist will help you identify the *major* Federal, State, tribal, and local environmental requirements that apply at your facility, but it is not an exhaustive list of all environmental requirements that may be applicable at your facility.

Fill in your facility information below and enclose the completed Checklist with your application.

Air Pollution Regulations

Check all that apply

- ☐ 1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61)
- ☒ 2. Permits and Registration of Air Pollution Sources
- ☒ 3. General Emission Standards, Prohibitions, and Restrictions
- ☐ 4. Control of Incinerators
- ☐ 5. Process Industry Emission Standards
- ☒ 6. Control of Fuel Burning Equipment
- ☒ 7. Control of VOCs
- ☒ 8. Sampling, Testing, and Reporting
- ☒ 9. Visible Emissions Standards
- ☐ 10. Control of Fugitive Dust
- ☐ 11. Toxic Air Pollutants Control
- ☐ 12. Vehicle Emissions Inspections and Testing

Other (you must list these if applicable)

- ☐ 13. Federal, State, tribal, or local regulations not listed above.
- ☐ 14. ID Numbers (specify whether State or Federal).

Hazardous Waste Management Regulations

Check all that apply.

- ☒ 1. Identification and listing of hazardous waste (40 CFR 261)
  - ☒ - Characteristic waste
  - ☒ - Listed waste
- ☒ 2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262)
  - ☒ - Manifesting
  - ☒ - Pre-transport requirements
  - ☒ - Record keeping/reporting
- ☐ 3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)
  - ☐ - Transfer facility requirements
  - ☐ - Manifest system and record-keeping
  - ☐ - Hazardous waste discharges
- ☐ 4. Standards for Owners and Operators of TSD Facilities (40 CFR 264)
  - ☐ - General facility standards
  - ☐ - Preparedness and prevention
  - ☐ - Contingency plan and emergency procedures
  - ☐ - Manifest system, record-keeping, and reporting
  - ☐ - Groundwater protection
  - ☐ - Financial requirements
  - ☐ - Use and management of containers
  - ☐ - Tanks
  - ☐ - Waste piles
  - ☐ - Land treatment
  - ☐ - Incinerators
- ☐ 5. Interim Standards for TSD Owners and Operators (40 CFR 265)
- ☐ 6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267)
- ☐ 7. Administered Permit Program (Part B) (40 CFR 270)

Other (you must list these if applicable)

- ☐ 8. Federal, State, tribal, or local regulations not listed above
- ☒ 9. ID Numbers (specify whether State or Federal).
  DED 064370992

Hazardous Materials Management

Check all that apply.

- ☒ 1. Control of Pollution by Oil and other Hazardous Substances (33 CFR 153)
- ☒ 2. Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302)
- ☒ 3. Hazardous Materials Transportation Regulations (49 CFR 172-173)
- ☒ 4. Worker Right-to-Know Regulations (29 CFR 1910.1200)
- ☒ 5. Community Right-to-Know Regulations (40 CFR 350-372)
- ☒ 6. Underground Storage Tank Regulations (40 CFR 280-282)

Other (you must list these if applicable)

- ☐ 7. Federal, State, tribal, or local regulations not listed above.
- ☐ 8. ID Numbers (specify whether State or Federal).

Solid Waste Management

Check all that apply.

- ☐ 1. Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257)
- ☐ 2. Permit Requirements for Solid Waste Disposal Facilities
- ☐ 3. Installation of Systems of Refuse Disposal
- ☐ 4. Solid Waste Storage and Removal Requirements
- ☐ 5. Disposal Requirements for Special Wastes

Other (you must list these if applicable)

- ☐ 6. Federal, State, tribal, or local regulations not listed above.
- ☐ 7. ID Numbers (specify whether State or Federal).

Water Pollution Control Requirements

Check all that apply.

- ☒ 1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112)
- ☐ 2. Designation of Hazardous Substances (40 CFR 116)
- ☐ 3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117)
- ☐ 4. NPDES Permit Requirements (40 CFR 122)
- ☐ 5. Toxic Pollutant Effluent Standards (40 CFR 129)
- ☒ 6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403)
  Name of POTW
  ID # of POTW
- ☐ 7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414)
- ☐ 8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415)
- ☐ 9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416)
- ☒ 10. Water Quality Standards
- ☐ 11. Effluent Limitations for Direct Dischargers
- ☒ 12. Permit Monitoring/Reporting Requirements
- ☐ 13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants
- ☐ 14. Collection, Handling, and Processing of Sewage Sludge
- ☐ 15. Oil Discharge Containment, Control and Cleanup
- ☐ 16. Standards Applicable to Indirect Discharges (Pretreatment)

Other (you must list these if applicable)

- ☐ 17. Federal, State, tribal, or local regulations not listed above.
- ☐ 18. ID Numbers (specify whether State or Federal).

Drinking Water Regulations

Check all that apply.

- ☐ 1. Underground Injection and Control Regulations, Criteria and Standards (40 CFR 144, 146)
- ☐ 2. National Primary Drinking Water Standards (40 CFR 141)
- ☐ 3. Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141)
- ☐ 4. Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources
- ☐ 5. Underground Injection Control Requirements
- ☐ 6. Monitoring, Reporting and Record keeping Requirements for Community Water Systems

Other (you must list these if applicable)

- ☐ 7. Federal, State, tribal, or local regulations not listed above.
- ☐ 8. ID Numbers (specify whether State or Federal).

Toxic Substances

Check all that apply.

- ☒ 1. Manufacture and Import of Chemicals, Record-keeping and Reporting Requirements (40 CFR 704)
- ☒ 2. Import and Export of Chemicals (40 CFR 707)
- ☐ 3. Chemical Substances Inventory Reporting Requirements (40 CFR 710)
- ☐ 4. Chemical Information Rules (40 CFR 712)
- ☐ 5. Health and Safety Data Reporting (40 CFR 716)
- ☒ 6. Pre-Manufacture Notifications (40 CFR 720)
- ☒ 7. PCB Distribution Use, Storage and Disposal (40 CFR 761)
- ☐ 8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762)
- ☐ 9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775)

Other (you must list these if applicable)

- ☐ 10. Federal, State, tribal, or local regulations not listed above.
- ☒ 11. ID Numbers (specify whether State or Federal).

Pesticide Regulations

Check all that apply.

- ☒ 1. FIFRA Pesticide Use Classification (40 CFR 162)
- ☒ 2. Procedures Storage and Disposal of Pesticides and Containers (40 CFR 165)
- ☒ 3. Certification of Pesticide Applications (40 CFR 171)
- ☒ 4. Pesticide Licensing Requirements
- ☒ 5. Labeling of Pesticides
- ☒ 6. Pesticide Sales, Permits, Records, Application and Disposal Requirements
- ☒ 7. Disposal of Pesticide Containers
- ☒ 8. Restricted Use and Prohibited Pesticides

Other (you must list these if applicable)

- ☐ 9. Federal, State, tribal, or local regulations not listed above.
- ☒ 10. ID Numbers (specify whether State or Federal).
  Pesticide Establishment Number 352-DE 002

Environmental Clean-Up, Restoration, Corrective Action

- ☐ 1. Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund). Please identify and include date of Record of Decision.
- ☐ 2. RCRA Corrective Action. Please provide date of RCRA/HSWA permits that require corrective action.
- ☐ 3. Other Federal, State, tribal, or local environmental clean-up, restoration, corrective action regulations not listed above. Please include date of requirement.

Facility Name DuPont Stine-Haskell Research Center

Facility Location: 1090 Elkton Road
Newark, DE 19714-0030

Attachment 2

Wildlife Improvement at Stine-Haskell (WISH)

The DuPont Stine-Haskell wildlife management team, Wildlife Improvement at Stine-Haskell (WISH) continues to grow, currently at 50 members, up from 35 members in 1995. With the growth comes a diversity of ideas, interest in projects, and special talents. Active employee participation in WISH has allowed the number of projects to grow from four (4) projects in 1995 to twenty (20) in 2003.

As examples of our membership interests and special talents, we are very fortunate to have a team member who enjoys woodworking as a hobby, and has made several of our nest boxes, including two butterfly boxes, bluebird boxes, wood duck boxes, and bee houses. Several of our members are active volunteers in the Tri-State Bird Rescue, and the White Clay Creek Preservation Association.

Various WISH team members are active in sub-teams, such as the Eastern Bluebird Nestbox team, or the Butterfly/Hummingbird Garden. The team members participate in projects according to their availability and interest. The WISH members have also participated in community projects, such as planting a garden with a Girl Scout Troop and participation in an "Adopt-a-Wetland" Workshop sponsored by DNREC's (Delaware's Department of Natural Resources and Environmental Control) Division of Fish and Wildlife. The WISH team has also supported other projects, such as Take Your Daughters to Work Day and sponsored two Earth Day celebrations.

An item to note is that all of our projects are supported by money raised by the WISH team members. Our WISH team fund has increased from $0 in 1995 to over $1,000 in June 2003. This was accomplished by several activities: aluminum can recycle, raffles, plant and bake sales, and a T-shirt sale. We will continue with fundraisers by holding an "Ice Cream Social" in one of our new garden areas in July. With the funds we purchased hoses and sprinklers for our gardens, seeds and plants, signs and posts for our butterfly and bee boxes, and raw materials for our nest boxes.

2001	2002	2003
Eastern Bluebird nest boxes	Eastern Bluebird nest boxes	Eastern Bluebird boxes
Wood Duck nest box	Wood Duck nest boxes (2)	Wood Duck next boxes (2)
Butterfly and Hummingbird gardens	Butterfly and Hummingbird gardens	Butterfly and Hummingbird gardens
Inventory of plants and animals	Inventory of plants and animals	Inventory of plants and animals
Aluminum can recycling	Aluminum can recycling	Aluminum can recycling
Bat box (1)	Bat box (1)	Bat box (1)
Martin house	Martin house	Martin house
Butterfly houses (2)	Butterfly houses (2)	Butterfly houses (2)
Walking trail	Walking trail	Walking trail
Purple loosestrife monitoring	Purple loosestrife monitoring	Purple loosestrife monitoring
Web page	Web page	Web page
Kestrel box (1)	Kestrel boxes (2)	Kestrel boxes (2)
Wetlands certification	Wetlands maintenance	Wetlands maintenance
	Mason bee houses (2)	Mason bee houses (2)
	Screech owl box	Screech owl box
	Amphibian monitoring	Amphibian monitoring
	Outreach to nature groups	Outreach to nature groups
	Landscape consultation	Landscape consultation
	Bird feeder program	Birdfeeder program
		Stream cleanup

Attachment 4

Reagent Tracking System (RTS) as a Pollution Prevention Tool

Research and Development (and Customer Service) labs are uniquely different from manufacturing facilities. The products from R&D labs are information, problem solving and intellectual property. Essentially all hazardous and nonhazardous chemicals purchased in an R&D facility will eventually become hazardous waste.

One effective way that the large R&D facility can reduce the amount of hazardous waste generated without stifling the creative nature of R&D work is to reduce the redundancy in the purchase and storage of hazardous chemicals.

The Wilmington, Delaware area, mainly the DuPont Experimental Station, has a Reagent Tracking System (RTS) that Stine-Haskell Research Center has adopted as a pollution prevention measure. The system contains a database of laboratory chemical inventories. Chemical information includes vendor name, catalog number, Chemical Abstract Service (CAS) number, chemical lab location, and quantity. Chemical Inventories are updated via automated uploading of chemicals received on site, as well as uploading of laboratory inventories. In June of 2000, the RTS database was updated and moved to the DuPont intranet, becoming “RTSweb”.

The RTS promotes the reuse and recycle of laboratory chemicals via a lab-to-lab virtual sharing of the chemical inventory and data. New chemical orders are reduced through increased use of chemicals available on site; consequently the system drives a reduction of hazardous waste generation.

The RTS database also provides valuable data utilized in environmental programs associated with Drug Precursors, Controlled Substances, and the Site-wide material balance. Additionally, the RTSweb provides tools useful for waste characterization.